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PATENT  
Attorney Docket No.: 020444-000710US

On June 24, 2003

TOWNSEND and TOWNSEND and CREW LLP

By: Marcia Stamm

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

SCHNEIDER et al.

Application No.: 10/035,349

Filed: October 19, 2001

For: MASS DEFECT LABELING FOR  
THE DETERMINATION OF  
OLIGOMER SEQUENCES

Examiner: Not yet assigned

Art Unit: 1645

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references AA through AC are enclosed. In accordance with 37 CFR §1.98(d), copies of references AD through CI can be found in Application No. 10/068,359, filed February 6, 2002 (Attorney Docket No. 020444-000320US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Also enclosed is a copy of the Search/Examination report corresponding to the PCT application.

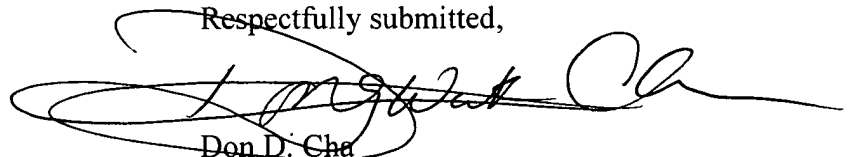
06/27/2003 AADOF01 00000011 201430 10035349

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As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

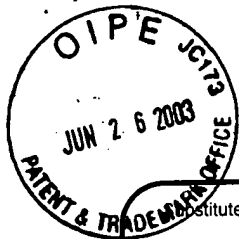
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Respectfully submitted,



Don D. Cha  
Reg. No. 40,945

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
Tel: 925-472-5000  
Fax: 925-472-8895  
WBK:mys  
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PTO/SB/08B (10-01)

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **3** of **6**

## Complete if Known

Application Number	10/035,349
Filing Date	October 19, 2001
First Named Inventor	Schneider, Luke V., et. al.
Art Unit	1645
Examiner Name	Not yet assigned
Attorney Docket Number	020444-000710US

## U.S. PATENT DOCUMENTS

Examiner	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	AA	US-6,194,144 B1	02/27/01	Koster	
	AB	US-6,027,890-3	02/22/00	Ness et al.	
	AC	US-5,667,984	09/16/97	Parekh et al.	
	AD	US-4,830,010	05/16/89	Marshall	
	AE	US-5,386,832	02/07/95	Wagner et al.	
	AF	US-6,379,971	04-2002	Schneider et al.	
	AG	US-6,335,525	01-2002	Takada et al.	
	AH	US-6,329,146	12-2001	Crooke et al.	
	AI	US-6,277,644	08-2001	Farnsworth et al.	
	AJ	US-5,470,753	11-1995	Sepetov et al.	
	AK	US-5,538,897	07-1996	Yates, III et al.	
	AL	US-5,827,659	10-1998	Patterson	
	AM	US-5,919,709	07-1999	Parmelee et al.	
	AN	US-6,004,770	12-1999	Nelson	
	AO	US-6,017,693	01-2000	Yates, III et al.	
	AP	US-4,842,701	06/27/89	Smith et al.	
	AQ	US-4,994,165	02/19/91	Lee et al.	
	AR	US-5,306,412	04/26/94	Whitehouse et al.	
	AS	US-5,505,832	04/09/96	Laukien et al.	
	AT	US-5,856,082	01/05/99	Aebersold et al.	
	AU	US-5,872,010	02/16/99	Karger et al.	
	AV	US-5,174,962	12/29/92	Brennan	
	AW	US-6,359,111	03/19/02	Meyer et al.	
	AX	US-6,391,649	05/21/02	Chait et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AY	PCT	WO 02/061661	A2	08/08/02	Schneider et al.		<input type="checkbox"/>
	AZ	PCT	WO 96/33406	A1	10/24/96	Minden et al.		<input type="checkbox"/>
	BA	PCT	WO 00/11208	A1	03/02/00	Aebersold et al.		<input type="checkbox"/>
	BB	PCT	WO 99/32501	A1	07/01/99	Schmidt et al.		<input type="checkbox"/>

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Signature

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STATEMENT BY APPLICANT**

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Sheet **4** of **6****Complete if Known**

Application Number	10/035,349
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	BC	Yates, J.R., <i>Anal. Biochem.</i> , <b>214</b> :397-408 (1993)	
	BD	Scholz, E., <i>J Capillary Electrophor.</i> , <b>4</b> :287-292 (1997)	
	BE	Biemann, K., <i>Methods Enzymol.</i> , <b>193</b> :455-79 (1990)	
	BF	Schnoelzer, M., <i>Electrophoresis</i> , <b>17</b> :945-953 (1996)	
	BG	Zaia, J., <i>J. Am. Soc. Mass Spectrom.</i> , <b>6</b> :428-36 (1995)	
	BH	Stults, J.T., <i>Anal. Chem.</i> , <b>65</b> :1702-1708 (1993)	
	BI	Zaia, J., <i>Methods Mol. Biol.</i> , <b>61</b> :29-41 (1996)	
	BJ	Huehmer, A.F.R., <i>Anal. Chem.</i> , <b>69</b> :29R-57R (1997)	
	BK	Rose, K., <i>Biochem. J.</i> , <b>250</b> :253-259 (1988)	
	BL	Shevchenko, A., <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <b>93</b> :14440-14445 (1996)	
	BM	Clauser, K.R., <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <b>92</b> :5072-5076 (1995)	
	BN	Li, G., <i>Electrophoresis</i> , <b>18</b> :391-402 (1997)	

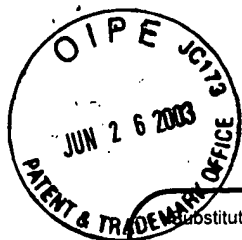
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	BO	Murphy, C.M., <i>Anal. Chem.</i> , <b>67</b> :1644-1645 (1995)						
	BP	Johnson, R. S. et al., <i>International Journal of Mass Spectrom and Ion Process</i> , <b>86</b> :137-154 (1998)						
	BQ	Vath, J.E. et al., <i>Fresenius Z Anal. Chem.</i> , <b>331</b> :248-252 (1998)						
	BR	Wagner, D.S. et al., <i>Biol. Mass Spectrom.</i> , <b>20</b> :419-425 (1991)						
	BS	Huang, Z.-H. et al., <i>Anal. Biochem.</i> , <b>266</b> :305-317 (1999)						
	BT	Tomer, K.B. et al., <i>J. Am. Chem. Soc.</i> , <b>105</b> :5487-5488 (1983)						
	BU	Bures, E.J. et al., <i>Anal. Biochem.</i> , <b>224</b> :364-372 (1995)						
	BV	Aebersold, R. et al., <i>Protein Science</i> , pp. 494-503 (Cambridge University Press (1992)						
	BW	Provisional Patent Application No. 60/415,481, filed 10/01/02						
	BX	Patent Application Serial No. 10/068,359, filed 02/06/02, entitled: METHOD FOR SEQUENCE PROTEINS						
	BY	Patent Application Serial No. 10/035,349, filed 10/19/01, entitled: MASS DEFECT LABELING FOR THE DETERMINATION OF OLIGOMER SEQUENCES						
	BZ	Provisional Patent Application No. 60/242,165, filed 05/07/01						
	CA	Patent Application Serial No. 09/513,907, filed 02/25/00, entitled: POLYPEPTIDE FINGERPRINTING METHODS AND BIOINFORMATICS DATA BASE SYSTEM						
	CB	Patent Application Serial No. 09/551,937, filed 04/19/00,entitled: LABELING OF PROTEIN SAMPLES						

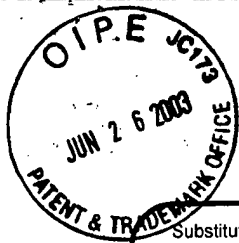
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	CC	Provisional Patent Application No. 60/242,398						
	CD	Li, G. et al., "Improvement on sample handling for rapid mass spectrometric Identification of proteasns resolved by 2D gel electrophoresis". Book of Abstracts, 213th ACS National Meeting, San Francisco, 13-17, Anal. 92 (April 1997)						
	CE	Mann and Wilm, "Error-Tolerant Identification of Peptides in Sequence Databases by Peptide Sequence Tags", <i>Anal. Chem.</i> , 66(24) 4390-4399 (December 15, 1994)						
	CF	Jensen et al., "Sequence patterns produced by incomplete enzymatic digestion or one-step Edman degradation of peptide mixtures as probes for protein database searches", <i>Electrophoresis</i> , 17:938-944 (1996)						
	CG	Wilkins et al., "Protein identification with sequence tags", <i>Current Biology</i> , 6(12):1543-1544 (1996)						
	CH	Wilkins et al., "Rapid Protein Identification Using N-Terminal 'Sequence Tag' and Amino Acid Analysis", <i>Biochemical and Biophysical Research Communications</i> , 221:609-613 (1996) Article No. 0643						
	CI	Wilkins et al. "Protein Identification with N and C-Terminal Sequence Tags in Proteome Projects", <i>J. Mol. Boil.</i> , 278:599-608 (1998)						
	CJ							
	CK							
	CL							

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